AUTHOR INDEX

Volume 19, 1990

Abe, Y., 605, 1005
Abuchaibe, O., 103
Aeppli, D.M., 547
Agren, A., 1077
Ahmed-Swan, S., 313
Ahn, D., 243, 613
Ahrens, C.R., 1431
Akine, Y., 1511
Al-Achi, A., 1439
Alberti, W., 1629
Alexander III, E., 1455
Al-Sarraf, M., 813
Altendorf-Hofmann, A., 687
Altschuler, C., 1151
Amdur, R.J., 1377
Andersen, K.W., 1121
Anderson, B., 401
Anderson, W., 651
Andreo, P., 1233
Ang, K.K., 583, 935, 1339
Anninga, J.K., 977
Arai, T., 1011
Ardiet, J.-M., 23
Aristu, J., 103
Ariza, A., 619
Armstrong, D., 265
Armstrong, J., 123, 1521
Aron, B.S., 677
Arriagada, R., 1135, 1207, 1279, 1333
Artola, N., 1347
Atcher, R.W., 1539
Atzinger, A., 1203
Auer, G., 963
Auvil, G., 729, 1001
Awan, A.M., 313
Awwad, H.K., 1229
Azinovic, I., 103

Baba, N., 605
Babini, L., 1165
Bagshaw, M.A., 1481
Bahktar, M., 529
Baillet, F., 1131
Baldeyrou, P., 1135
Baral, E., 963
Barbieri, E., 1165
Barnes, M., 651
Barrios, L., 371
Bartelink, H., 967, 1449
Bauer, W.C., 1503
Baumann, L.A., 287
Baumann, M., 367
Beaney, R.P., 1199
Becker, L., 265
Beckett, M.A., 69, 313
Bedford, P., 75
Bedwinek, J., 1091
Begg, A.C., 1883, 1449
Belli, J.A., 129
Benck, V., 1369
Bentel, G.C. 751
Berry, M., 265
Berson, A.M., 569
Bertelrud, K.L., 469
Bethune, W.A., 825, 1108
Bettahar, R., 1131
Bezek, S., 1581
Bhimji, S., 477
Black, P.M., 1455
Blaise, D., 1151
Bloomer, W.D., 153
Bloomfield, C.D., 547
Blough, R., 409
Blount, L.H., 577, 827
Body, G., 523
Boggs, S.S., 85
Boileau, M.A., 693
Boisserie, G., 1131
Boles, M., 1525
Bombelli, L., 1221
Bonadonna, G., 209
Bonet, F., 1347
Boniface, E., 23
Bonomi, P.D., 287
Bontemps, P., 1449
Boothman, D.A., 357
Born, A.M., 677
Bornhof, C., 687
Borrelli, M.J., 389
Bosley, T.M., 453
Bostrom, B., 889
Bougnoux, P., 523, 1125
Bourland, J.D., 797, 1059
Brady, L.W., 491
Brahme, A., 1077
Brannon, R., 97
Brant, T.A., 899
Brass-Marlow, E.L., 665
Bregni, M., 743
Brennan, M.F., 913
Brewster, A.E., 1628
Briggle, T.V., 357
Brizel, D.M., 535
Bron, D., 1155
Brown, B.W., 1339
Brown, F., 409
Bruso, C.E., 1411
Buchler, D.A., 469
Budach, V., 941
Budach, W., 941
Burcharth, F., 1049
Burgers, M., 1155
Bush, R.S., 1351
Butturini, A., 1291
Byhardt, R.W., 1321

Caballin, M.R., 389
Cain, C.A., 389
Calais, G., 523, 1125
Calmon Teixeira, L.C., 1267
Calvo, F.A., 103
Cambouris, T., 985
Cameron, J.R., 1053
Campbell, E.J., 707
Cangir, A., 881
Cano, E.R., 117
Carcassone, Y., 1151
Carde, P., 1155
Cardenes, H., 919
Carlsoo, B., 506
Carlton, J.C., 1383
Carper, S.W., 89
Carreno, L., 1347
Carrie, C., 23
Carter, D., 619
Caspers, R., 1449
Cassady, J.R., 1463
Castro, J.R., 243, 613
Catalona, W., 1503
Cellai, E., 1139, 1171, 1177
Cellini, N., 1159
Cerrina, M.L., 1135
Cetas, T.C., 1463
Chambers, S.K., 619
Chan, H., 265
Chan, K.W., 1067
Chandler, W.F., 421
Chaney, E.L., 797, 1059
Chang, D.H.-Y., 619
Chapman, W.H., 693
Char, D., 243, 613
Chassagne, D., 1113
Chauvet, B., 1125
Chauvin, F., 23
Chen, G.T.Y., 759, 1539
Chen, M.S., 1143
Chiavacci, A., 1139, 1171, 1177
Ching, S.V., 321
Choi, K., 513
Choi, N.C., 1623
Chomy, P., 1135
Chou, C.K., 1067
Chow, C.H., 1531, 1555
Choy, D., 929
Christensen, J.J., 1121
Chu, J.C.H., 1037
Chua, T., 1351
Cirera, L., 1347
Clark, R.M., 1351
Clarke-Pearson, D., 751
Coco, C., 1159
Cohen, M., 97
Coia, L.R., 593
Cole, S.B., 693
Collins, C., 693
Concepcion, R., 1521
Constable, W.C., 15
Constine, L.S., 721
Cooper, J.S., 807, 1621
Cosset, J.M., 1155, 1279
Courdi, A., 1225
Cox, J.D., 31
Cox, R.S., 1481
Crawford, J., 535
Croghan, M.K., 89
Crooijmans, R.P.M.A., 1191
Crook, J.M., 281, 1369
Crow, J., 111
Cummings, B.J., 1309
Curran Jr., W.J., 9, 529, 1497
Cuvier, C., 1207

Dahlen, D.D., 329
Dalesio, O., 967
D'Angio, G.J., 1097, 1497
Das, I.J., 461
Dattoli, M., 429, 1521
Davies, B.M., 643
Davis, L.W., 183
Decker, M., 243, 613
De Cremoux, H., 1135
Delanian, S., 1131
Deligiorgi, E., 985
Del Regato, J.A., 1329, 1609
DeLuca, A., 651
Dembo, A.J., 1351
Denman, D.L., 677
de Pauw, B., 1155
Derogatis, L.R., 729, 1001
de Santis, M., 1159
Descamps, P., 523
Deutsch, M., 85, 117
Devineni, V.R., 919
DeWerd, L.A., 1053
Dewey, W.C., 389
Dewit, L., 977
Diaz, R.F., 421
Dillehay, L.E., 633
Dion, M.W., 401
Dische, S., 1211, 1317
Dobelbower Jr., R.R., 1159
Doci, R., 1221
Doherty, M., 265
Dohrmann, G., 409
Donaldson, S.S., 259, 873, 881
Doornbos, J.F., 401
Doppke, K.P., 249
Douglass, E.C., 867, 995
Dowling, S.W., 543
Dowsett, R.J., 453
Duby, A., 249
Dunbar, S.F., 249
Dunst, J., 687
Duray, P., 529, 651
Durosinmi-Etti, F., 1249, 1257, 1263

Earley, L., 159
Edwards, J.A., 633

Egawa, S., 1511
Egozcue, J., 371
Eifel, P.J., 661
Eilber, F.R., 41
Ekwelundu, E., 1531
El Badawy, S., 1229
El Ghamrawy, K., 1229
El Mongy, M., 1229
Elson, H.R., 677
Emiliani, E., 1165
Engenhart, R., 1021
Enneking, W.F., 899
Ensminger, W.D., 421
EORTC Lymphgoma Cooperative Group, 1155
Eschwege, F., 1113
Escude, L., 103
Evans, H., 37
Evans, M.L., 329
Evans, R.G., 275, 415

Fairclough, D.L., 867
Fallai, C., 1171, 1177
Fanning, J., 529
Farah, R., 715
Farber, L.R., 543
Fargnoli, R., 1171, 1177
Farhangi, E., 313
Fass, D.E., 123
Feola, J., 61, 1104
Ferguson, L., 409
Ferrara, J.A., 1431
Ferreiro, G.A., 41
Fessenden, P., 1481
Fichtinger-Schepman, A.M.J., 75
Fineberg, B., 851
Fischer, D., 859
Fischer, H., 687
Fischer, J.J., 859
Fish, B.L., 341, 1389
Fisher, E.R., 85
Fisher, R., 1431
Fitzgerald, L.T., 1377
Fitzgerald, T.J., 461
Fitzpatrick, P.J., 1351
Flamant, R., 1575
Fleming, I., 995
Fletcher, G.H., 799, 1101, 1107
Flickinger, J.C., 117, 143, 783
Fontaine, F., 1207
Fontanesi, J., 867, 995
Ford, H.T., 111
Fortier, G.A., 179
Fortner, J., 1521
Foster, A.E., 677
Fournel, P., 23
Fowble, B., 453, 833, 843, 1037, 1103
Fowler, J.F., 627
Fowler, W.C., 701
Frank, L.E., 469
Franzen, L., 506
Fredrickson, J.M., 919
Freeman, D.E., 485
French Cancer Center's Lung Group, 1135
Frezza, G., 1165
Fu, K.K., 791
Fujiwara, T., 1005
Fukuda, H., 1005
Fuller, D.J.M., 89
Fuster, C., 371

Gabillat, J.M., 1225
Gadeberg, C.C., 1121
Gale, R.P., 1291
Gandola, L., 743
Garcia, D.M., 235, 851
Garden, A.S., 31
Gash, D.M., 293
Geard, C.R., 1397
Gebarski, S.S., 421
Gehring, M.A., 469, 1027
Gemer, L.S., 415
Gennarelli, T.A., 453
Gerard, J.-P., 23, 1219
Gerner, E.W., 89
Giannardi, G., 1171, 1177
Gianni, A.M., 743
Giesler, J., 881
Gillette, E.L., 321
Glatstein, E., 805
Glover, D.J., 1473
Gluckman, E., 1325
Gockerman, J.P., 535
Goddard, K., 265
Goepfert, H., 583, 881
Goetsch, S.J., 1053
Goffinet, D., 881
Goffman, T., 805
Goitein, M., 821
Goldman, M.E., 313
Goldwein, J.W., 1497
Golomb, H., 715
Goodman, R.L., 833, 843, 1037, 1103
Gordon, D.J., 1199
Gorgojo, L., 1425
Gospodarowicz, M.K., 1351
Gouliamos, A., 985
Graham, M.M., 329
Gray, J.R., 439
Grdina, D.J., 1199
Greenberg, H.S., 421
Greenberg, M., 265
Greer, S.B., 357
Greven, K., 49, 529
Griffin, T.W., 693
Grigsby, P.W., 1503
GROP, 1135
Grossman, A., 229
Groupe Lyonnais d'Oncologie Thoracique, 23
Guedea, F., 371
Guillet, J.P., 1151
Guinee, V.F., 31
Guthkelch, A.N., 1463
Guze, C., 513

Haake, R., 889
Habib, F., 1131
Haddad, E., 1369
Haffty, B.G., 223, 859
Hahn, G.M., 1481
Hallahan, D.E., 69
Haller, D.G., 593
Halpern, H.J., 409, 505
Halverson, K.J., 851
Hanks, G.E., 1037
Hanson, G.P., 1249, 1257
Haraf, D., 1539
Harari, P.M., 89
Harris, J.R., 1091
Harris, J.W., 569
Harrison, L.B., 123, 1521
Hartsell, W.F., 189, 715
Hassanein, R.S., 275
Hatazawa, J., 1005
Hawkins, M.M., 1297
Hayat, M., 1155
Hayes, T.P., 506
Hazan, A., 973
Heare, T.C., 899
Hegarty, T.J., 421
Hekmatpanah, J., 409
Hendrick, B., 265
Henrickson, F.R., 189, 287
Henriksson, R., 506
Henry-Amar, M., 1155
Herman, T.S., 945, 1439
Herpst, J., 729, 1001
Herreros, J., 103
Herskovic, A.M., 1630
Hery, M., 1225
Higano, C., 693
Hill, A., 349
Hill, B.T., 75
Hinz, J.M., 1405
Hjelm-Hansen, M., 1121
Hochberg, F.H., 1455
Hoeckel, M., 953
Hoefnagel, C.A., 977
Hoffman, H., 265
Hofland, I., 1449
Holbert, J.M., 31
Holcenberg, J.S., 1389
Holden, S.A., 1439
Holm, H.H., 1049
Holm. L.-E., 1303
Holst, R.J., 665
Hong, J.H., 1143
Hood, T.W., 421
Hoogenhout, J., 1191
Hopwood, L.E., 643
Hordijk, G.J., 55
Horiot, J.C. 1449
Hornback, N., 513
Hosking, L.K., 75
Hoskins, P.J., 111
Housset, M., 1131
Hover, K.-H., 1021
Hsieh, J.-T., 627
Hu, Y.-H., 1507
Humphreys, R., 265
Hurd, D., 889
Hussey, D.H., 401, 445
Hustu, H.O., 867
Hustu, O., 995
Hwang, C.C., 1037

Iacono, R., 1463
Ibbott, G.S., 1431
Ido, T., 1005
Ingersoll, L., 881
Itoh, M., 1005

Jenkin, D., 265
Jenkins, J.J., 867
Jensik, R.J., 287
Jerusalem, C.R., 1191
Jiang, G.-L., 935
Johansen, H., 1121
John, M., 513
Jones, S.M., 945
Joslin, C.A.F., 801
Joyce, F., 1049
Junck, L., 421

Kacinski, B.M., 619
Kajiura, Y., 1511
Kal, H.B., 1191
Kalend, A.M., 153, 783
Kallay, Z., 1581
Kallinowski, F., 953
Kallman, R.F., 503
Kalnicki, S., 153
Kantorowitz, D.A., 1431
Kao, M., 189
Kapp, D.S., 1481
Kase, K.R., 461
Keisch, M.E., 1503
Kennedy, W.L., 1525
Kereiakes, J.G., 677
Kersey, J.H., 889
Kersh, C.R., 15
Khan, F., 889
Kiel, K.D., 189
Kies, M.S., 669
Kim, T.H., 889
Kimler, B.F., 275, 415
Kimmig, B.N., 1021
Kinsella, T.J., 469, 499, 627, 651, 1027
Kirkpatrick, A., 967
Kittle, F.C., 287
Kjaer, M., 1121
Kjellen, E., 1419
Klein, J.L., 633
Knowlton, A.H., 543
Koerner, F., 1357
Koh, W., 693
Kolker, J.D., 409, 505
Komaki, R., 31
Konski, A.A., 809
Kopald, K.H., 41
Koscielny, S., 1117
Kowalyshyn, M.J., 843
Kramer, C., 543
Krishnasamy, S., 505
Kriss, J.P., 259
Krivit, W., 889
Kubo, H., 483
Kubota, K., 1005
Kubsad, S.S., 469, 627, 1027
Kufe, D., 69
Kun, L.E., 867, 995
Kurtz, J.M., 1087
Kuske, R.R., 851

Lagrange, J.L., 1151
Lai, P.P., 561
Landry, J., 1357
Lane, R.G., 129, 1531, 1555
Lange, C.S., 817
Lansac, J., 523, 1125
Laramore, G.E., 493
Larson, D.A., 143
Laursen, F., 1121
Lawrence, T.S., 1041, 1411
Leahy, J.M., 1497
Leavitt, D.D., 159
le Bourgeois, J.P., 1369
le Chevalier, T., 1135, 1207, 1279, 1333
Lee, C.K.K., 547, 825
Lee, E.R., 1481
Lee, M.-S., 287
Le Floch, O., 523, 1125
Le Fur, R., 1449
Legorreta, R.A., 677
Lelievre, G., 973
Lentz, S.S., 435
Lepkowski, H., 1525
Leung, S., 769
Leung, W.M., 1143
Levendag, P.C., 1363
Levitt, S.H., 547
Lewis Jr., G.C., 677
Li, J.-X., 1507
Liaw, C.C., 1143
Lichter, A.S., 421
Ligon, D.A., 461
Lin, F.J., 1143
Lindner, H., 1203
Linggood, R.M., 249
Linstadt, D.E., 243, 613
Liston, V., 415
Little, J.B., 1425
Littman, P.S., 1497
Llorens, R., 103
Lockett, M.A., 561
Loeffler, J.S., 1455
Lofroth, P.-O., 506
Lombardi, F., 743
Lovett, R.D., 235
Low, N.N., 759
Lowe, N., 97, 415
Loyd, M.D., 1531
Luk, K.H., 1067
Lulu, B., 1463
Lunsford, L.D., 117, 783
Lustig, R., 97, 665
Lutsman-Marechal, J., 1155
Lutz, W., 1463
Lybak, S., 1419

Maat, B., 967
Mackie, T.R., 1027
Maddux, H.R., 701
Mahe, M., 23
Mahesh Kumar, A.P., 867
Mahler, P.A., 329
Maitz, A., 783
Manabe, T., 605
Mancini, A., 1165
Mancuso, A.A., 485
Maor, M.H., 31, 881, 1339
Maraninchi, D., 1151
Marcial, V., 513
Marcial-Vega, V.A., 919
Marcus Jr., R.B., 3, 899
Marinello, G., 281, 1369
Martin, M., 973, 1135, 1369
Maruyama, Y., 61, 1104, 1561
Matsuzawa, T., 1005
May-Levin, F., 1207
Maylin, C., 1131
Mazeron, J.J., 281, 973, 1369
McBride, H., 349
McChesney Gillette, S., 321
McDougall, I.R., 259
McDougall, J.A., 1067
McGlave, P.B., 889
McKeever, P.E., 421
McMurry, H.L., 1059
McNeese, M.D., 1107
McParland, B.J., 1515
Mechling, J.A., 377
Meek, A.G., 153, 733
Meerwaldt, J.H., 1155
Mehta, M.P., 469, 627, 1027, 1629
Mendenhall, N.P., 149
Mendenhall, W.M., 485, 1627
Merkle, K., 1106
Meyer, J.L., 1481
Meyskens Jr., F.L., 89
Mezlini, A., 1207
Mill, W.B., 707
Milla, A., 1347, 1628
Miller, G.J., 1431
Miller, P.J., 275
Miller, S., 123
Million, R.R., 3, 149, 485, 899, 1377
Milner, A.E., 1199
Minsky, B.D., 1521
Miro, R., 371
Mirra, J.M., 41
Misisco, D.J., 1027
Mitchell, T.P., 1059
Mittal, B.B., 669
Molls, M., 941
Molteni, A., 1405
Monconduit, M., 1155
Montag, A., 1539
Montana, G.S., 751
Moonen, L., 1449
Moore, J.L., 1628
Moore, J.O., 535
Moran, W.J., 313
Morantz, R.A., 415
Morganti, A.G., 1159
Mornex, F., 23
Mornex, J.-F., 23
Morrill, S.M., 129
Morris, J.H., 1455
Morrison, W.H., 583, 1339
Morse, R.H., 1455
Moulder, J.E., 197, 341, 643, 1389
Moulton, E.O., 1357
Mountain, C.F., 31
Mouriesse, H., 1207
Moya, L.M., 1347
Mullan, J., 409
Murthy, A.K., 189, 715

Nachman, J., 313
Nakano, T., 1011
Neri, S., 1165
Nesbit, M., 889
Newall, J., 230, 429
Nguyen, J.T., 619
Nofal, M., 1249, 1257
Nooijen, W.J., 977
Noordijk, E.M., 1155
Nori, D., 913
Nowakowski, V., 613
Nunno, M.P., 665
Nybo-Rasmussen, A., 1121

Obbens, E., 1463
Oberman, E., 733
O'Boynick, P., 275
Ogino, T., 1511
Oka, K., 1011
Oleson, J.R., 751
Olivier, A., 775
Olmi, P., 1139, 1171, 1177
Order, S.E., 633, 729, 1001
Ortiz de Urbina, D., 103
Oswald, M.J., 37, 881, 1383
Oudinot, P., 1207
Overgaard, J., 1121
Overgaard, M., 1121

Packer, R.J., 1497
Page, M.A., 421
Paliwal, B.R., 1027
Panduro, J., 1121
Panel, N., 1125
Panje, W.R., 313
Pao, W.J., 867, 907, 995
Papavasiliou, C., 985
Papillon, J., 1217, 1219
Park, T.L., 153, 733
Parker, R.G., 41, 577
Parsons, J.T., 485, 899, 1377, 1627
Patterson, B.J., 1351
Pearlman, S.H., 293
Pelizzari, C.A., 1539
Pellac-Cosset, B., 1135
Pellegrini, V.D., 809
Pellitteri, M.R., 179
Penfield Faber L., 28
Perec, A., 483
Perez, C.A., 235, 561, 851, 919, 1503
Perez, L.M., 357
Pero, R., 1419
Peschel, R.E., 543
Peters, A., 529
Peters, L.J., 497, 583, 881, 935, 1339
Petersen, I.A., 259, 1481
Petti, P.L., 243, 613
Peynegre, R., 973, 1369
Peytral, C., 973
Pfeffer, M.R., 1439
Phillips, T.L., 613, 791
Piantadosi, S., 729, 1001
Picciocchi, A., 1159
Pierquin, B., 281, 1369
Pike, G.B., 775
Pilepich, M.V., 907
Piotti, P., 743
Piperno, D., 23
Pirro, M.H., 619
Pla, M., 775
Plowman, P.N., 229
Podgorsak, E.B., 775
Poggenburg, J.K., 633
Pomp, J., 1363
Portlock, C.S., 543
Powers, B.E., 321
Pratt, C., 995
Price, J., 1053
Prionas, S.D., 1481
Prosnitz, L.R., 97, 535, 803
Putti, C., 1165

Qin, D.-X., 1507
Quivey, J.M., 243, 569, 613

Raben, M., 49
Ramsay, N., 889
Randall, M., 529
Randall, M.E., 49
Rao, B., 995
Rasey, J.S., 329
Ravasz, L.A., 55
Raynal, M., 1369
Rebattu, P., 23
Reddy, S., 287
Redgate, E.S., 85
Redmond, K.P., 677
Regnier, R., 1155
Resbeut, M., 1151
Rewers, A.B., 85
Reynaud-Bougnoux, A., 523, 1125
Reynolds, K., 1059
Riera, D., 1347
Ripol, A., 1347
Rizk, S., 1229
Roberts, S.M., 321
Robinson, R.A., 445
Rockwell, S., 197
Rocmans, P., 823
Roeske, J.C., 1539
Rohrschneider, L.R., 619
Romestaing, P., 23
Romsdahl, M., 37
Rorke, L.B., 1497
Rosato, E.F., 593
Rose, C., 1121
Rosen, I.I., 129, 1531, 1555
Rosenberg, I., 759
Rosenman, J.G., 701, 797
Rosenow, U.F., 183
Rossman, K., 1463
Rothwell, V.M., 619
Rotman, M., 513, 817
Rotmensch, J., 1539
Rounsaville, M.C., 1106
Rubenstein, J.H., 593, 833

Rubin, P., 1, 233, 293, 511, 721, 831, 1111, 1337
Rubin, S., 759
Ruffie, P., 1135
Rush, S., 230
Russell, A.H., 693
Russell, K.J., 693
Ryan, T.P., 377

Sack, H., 941
Sailer, S.L., 797
Samaratunga, R.C., 677
Sampson, C.M., 661
Samuels, B., 31
Samulski, T.V., 1481
Sanchiz, F., 1347, 1628
Sancho-Garnier, H., 1135
Sandler, H.M., 9
Santos, M., 103
Santos, O., 357
Sarrazin, D., 1207
Sasai, K., 605
Sathiaseelan, V., 669
Sauer, R., 687
Saunders, M.I., 1211, 1317
Savage, D.E., 721
Savino, P.J., 453
Scata, K.A., 619
Schaake-Koning, C., 967
Schell, M.C., 143
Schmidt, S.H., 506
Schmidt, W., 1106
Schmitt, T., 23
Schnitt, S.J., 1091
Schoene, W.C., 1455
Schraub, S., 1449
Schray, M.F., 435
Schrott, K.M., 687
Schultheiss, T.E., 219, 935
Schultz, D.J., 833, 843, 1397
Schut, L., 1497
Schwachoefer, J.H.M., 1191
Schwartz, C.L., 1099
Schwartz, R.G., 721
Scott, J., 535
Sedlacek, R.S., 367
Seeger, J., 1463
Selch, M.T., 41, 505, 577
Senechaut, J.P., 973
Sergott, R.C., 453
Sessions, D.G., 919
Sessions, R.B., 123
Shallenberger, R., 31
Sham, J.S.T., 929
Shanahan, T.G., 469
Shankar Giri, P.G., 275
Shapiro, S.D., 707
Shapiro, S.J., 235, 561, 707
Shellard, S.A., 75
Sherman, N.E., 37
Sherouse, G.W., 797, 1059
Shetter, A., 1463
Shewach, D.S., 1411
Shibamoto, Y., 605
Shimm, D.S., 89, 1463
Shiu, M.H., 913
Shostak, C.A., 873
Siddon, R.L., 1455
Siena, S., 743
Silva, E.G., 583
Simon, M.A., 313
Simpson, J.R., 851, 919
Sindelar, W., 651
Singer, J., 117
Singletary, S.E., 1107
Snyder, P.J., 453
Solin, L.J., 833, 843, 1037, 1103
Solomon, B., 123
Solowsky, E.L., 153
Somers, R., 1155
Sonley, M., 265
Soper, J.T., 751
Sorensen, N.E., 1121
Souhami, L., 775
Souquet, P.-J., 23
Spanier, S.S., 899
Spann, C.O., 701
Spaulding, M., 97
Spector, G.G., 919
Spelbring, D.R., 759
Spielmann, M., 1207
Spitalier, J.-M., 1087
Stanley, E.R., 619
Staples, J.J., 445
Stea, B., 349, 1463
Stephens, L.C., 935
Stetson, P.L., 421
Stewart, J.R., 159
Stitt, J., 97
Stjernsward, J., 1249, 1257, 1275
Stoppa, A.M., 1151
Strohbehn, J.W., 377
Stroyer, I., 1049
Stucchi, C., 743
Sturm, V., 1021
Stuschke, M., 941
Subias, A., 371
Suit, H.D., 225, 367
Sullinger, J., 1357
Sun, G.-X., 1389
Sundararaman, S., 677
Sutcliffe, S.B., 1351
Sutton, L.N., 1497
Sverzelatti, E., 743
Sy Ortin, T.T., 873
Sylvester, J.E., 577

Tada, M., 1005
Takahashi, M., 605
Talton, B.M., 15
Tang, J., 1507
Tang, S.G.J., 1143
Tanguy, A., 1155
Tankanow, R.M., 421
Tarayre, M., 1135
Taylor IV, S.G., 287
Taylor Jr., B.W., 149
Teicher, B.A., 945, 1439
Ten Haken, R.K., 1041
Tepper, J.E., 797, 1357
Terhaard, C.H.J., 55
Tesser, R.J., 1041
Thawley, S.E., 919
Theeuwes, A.G.M., 1191
Thomas, B.J., 577, 827
Thomas, E.D., 1285, 1289
Thomas, J., 1155
Thomas, P.R.M., 1097
Thompson, L.L., 389
Thoms Jr., W.W., 1107
Thornton, A.F., 421
Tobe, T., 605
Tobin, R.L., 867
Tokita, N., 1511
Toni, A., 1165
Torner, J., 1347, 1628
Tran, L., 577
Travagli, J.P., 1207
Trent, J., 349
Trillet, V., 23
Trnovec, T., 1581
Trodella, L., 1159
Trott, K.-R., 1071
Ts'ao, C.-H., 1405
Tseng, P., 619
Tsukiyama, I., 1511
Tubiana, M., 1117, 1155, 1279
Tucker, S.L., 661
Tungsubutra, K., 1271
Turesson, I., 1077, 1569
Turrisi III, A.T., 9, 1473
Tybor, A.G., 313

Urano, M., 61, 1104
Utrie, P.C., 469

Valagussa, P., 209
Valentine, E.S., 183
Valentini, V., 1159
Van den Bogaert, W., 301, 967, 1449
van der Griend, R.A., 899
Van der Kooy, P., 1121
Van der Schueren, E., 301, 1155
Van Glabbeke, M., 1449
Van Houtte, P., 823, 967
van Kaick, G., 1021
Van Limbergen, E., 301
Vanuytsel, L., 301
Varia, M.A., 701
Vats, T.S., 415
Vaughan, A.T.M., 1199
Vaupel, P., 953
Vercellotti, G., 889
Vergnes, L., 973
Verma, A.K., 627
Vetrovs, H., 1425
Vigliotti, A.P., 401
Vijayakumar, S., 313, 759
Villari, N., 1171, 1177
Vincent, M., 23
Virudachalam, R., 759
Vitu, L., 523
Vlahos, L., 985
Vokes, E.E., 313

Waldow, S.M., 665
Wallner, K.E., 439
Wallner, P.E., 665
Walop, W., 281, 1369
Wanek, P.M., 633
Wang, C.C., 249
Wannenmacher, M., 1021
Wara, W.M., 569
Ward, W.F., 1405
Watanuki, S., 1005
Webb, S., 1589
Weber, R.S., 1339
Wei, W.I., 929
Weichselbaum, R.R., 69, 313, 409, 505, 715, 1539
Weinhous, M.S., 1549
Weitzman, S., 265
Wen, B.-C., 401, 445
Wen, P.Y., 1455
Wendt, C.D., 497, 583, 1339
Wennerberg, J., 1419
Wessels, B.W., 633
Wharam, M.D., 633
White, H.C., 293
Whittington, R., 593
Wiegand, S.J., 293
Wielopolski, L., 733
Wierzbicki, J., 61, 1104, 1561
Wilder, J., 49
Wilimas, J., 867
Williams, J.A., 633
Williamson, J.F., 167
Willich, H., 1203
Wilson, J.F., 341, 1321
Wilson, T.O., 435
Winer, E.P., 535
Withrow, S.J., 321
Wollman, R., 409
Wong, F., 477
Woo, S.Y., 881
Wood, W.C., 1357
Woods, W., 889
Wowra, B., 1021
Wu, A., 153, 783
Wu, H., 1525

Yaes, R.J., 203, 1104
Yamaguchi, K., 1005
Yeh, I.-T., 843

Zagars, G.K., 37, 1383
Zander, R., 953
Zedeler, K., 1121
Zelefsky, M.J., 913
Zheng, R., 1507
Zini, G., 1165
Zinreich, E.S., 729, 1001
Zipursky, A., 265
Zucali, R., 1221

KEY WORD/SUBJECT INDEX

Volume 19, 1990

A

Abdominal irradiation 867
Accelerated
  Fractionation 1071, 1449
  Radiation therapy 1317
Acceleration 1211
Accuracy in radiotherapy 1233
Acromegaly 453
Activation energy 389
Acute lymphoblastic leukemia 1151
Adenocarcinoma(s) 287
  Esophagus 593
  Esophagus and esophagogastric junction 593
Adjuvant
  Postoperative radiotherapy 55
  Therapy 529, 593
  Treatment 1203
Adriamycin 1389
Adverse effects of radiotherapy 3
Age 701
AIDS 569
Allogeneic bone marrow transplantation 1325
Alpha particle emitters 1539
Alternate treatment 1225
Anal
  Canal cancer 1309
  Cancer 1221
Analysis
  Linear-quadratic 313
  Multi-target 313
  Multivariate 275
Anaplastic astrocytoma 409
Antennas
  Interstitial 677
  Microwave 377
Anti-neoplastic drugs 643
AOSR and AAR Congress 1271
Arrays 377
Arteriovenous malformation(s) 143, 775
Assay(s)
  Fluorescent cytoprinting 817
  Hybrid spheroid 817
  Predictive 313, 1183, 1449
Asymmetric fields 183
Autocrine 619
Axillary dissection 859

B

BALB/3T3 cells 1425
Beam(s)
  Calibration 1233
  Megavoltage 461
Benign disease 259
Beta-2-microglobulin 977
Beta particle emitters 1539
Bladder cancer 687, 693, 817
Blood-brain barrier 1507, 1581
Bone
  Heterotopic 809, 1431
  Ectopic 1431
  Growth 661
Bone marrow transplantation 743, 889, 1151, 1389
  Allogeneic 1325
Boost 111
  Vaginal cuff 49
Bowel injury prevention 469
Brachytherapy 167, 523, 751, 791, 1363, 1455, 1521, 1555
  Interstitial 1049
Brain
  Metastases 111
  Tumors 1463
Breast
  Conservation 1087
  Contralateral dose 1515
  Irradiation 189, 1037, 1515
  Radiotherapy 1087
  Recurrence 833
  Recurrent cancer 1087
Breast cancer 183, 833, 843, 851, 859, 1093, 1117, 1125, 1131, 1207
  High-risk 1121
  Locally advanced 1207
  Prognosis 1087
  Recurrent 1087
Bromodeoxyuridine 421
Bronchial carcinoma 1211, 1317
B72.3 627

C

Cancer(s) 377, 389, 791, 1511
  Anal 1221
  Anal canal 1309
  Bladder 687, 693, 817
  Breast 183, 833, 843, 851, 859, 1207
  Care 1249
  Cervical 1011
  Cervix 701
  Childhood 1297
  Control 1267
  Endometrial 529
  Esophageal 813
  Gastric 1357
  Glottic 1139
  Gynecologic 769, 1555
  Head and neck 973, 1347, 1363
  Limited small cell lung 1473
  Locally advanced breast 1207
  Lung 9, 15, 97, 103, 223, 1005
  Management 1263
  Mortality 1575
  Nasopharyngeal 1143
  Non-small cell lung 967
  Pancreatic 605, 627, 1049
  Perianal 1309
  Prevention 1575
  Prostate 729, 1001, 1377, 1503
  Ovarian 435, 1203
  Rectal 1159
  Recurrent breast 1087
  Second 1297, 1303
  Skin 235
  Small cell lung 1135, 1279, 1347
  Therapeutic effects of 1005
  Vocal cord 123
Canine eye 321
Captopril 1405
Carcinoma(s)
  Bronchial 1211, 1317
  Cervical 513
  Colorectal 1411
  Endometrial 49, 523
  Inflammatory 1207
  Intraductal 843
  Large cell 287
  Nasopharyngeal 881, 929
  Non-small cell lung 287
  Prostate 561, 1383
  Squamous cell 1363, 1419
  Squamous cell of the uterine cervix 799
  Tongue 281, 1369
Causes of death 1155
Cataract 249
CDDP 967, 1439
Cell(s)
  BALA/3T3 1425
  CHO 1425
  Kinetics 1449
  Mast 1405
  Merkel 583
  Mesenchymal stem 1431
  Mouse kidney epithelial 963
  Non-small 15, 1211
  Survival 389
  V79 1199
Central nervous system 293, 439
Cervical
  Cancer 1011
  Carcinoma 513
  Metastases 919
Cervix 61, 791
  Cancer 701
Cf-252, 61, 1561
Charged particle radiotherapy 613
Chemo-radiation therapy 817
Chemo-radiotherapy 1097, 1221
  Concurrent 1473
Chemotherapy 209, 593, 805, 813, 873, 1099, 1303, 1507
  Neoadjuvant 973
  Radiation 1309
Chest radiographs 707
Childhood
  Cancer 1297
  Treatment 265
Children 881, 1497
CHO cells 1425
Chromatin structures 1199
Chromosome aberrations 371
Chylous ascites 435
Ciliary body melanoma 243
Cis-platinum 1389
Cisplatin 75, 687, 817, 1183
Clinical practices 1271
CNS neoplasms 179
CMF 1121
Cobalt teletherapy 1053
Colorectal carcinoma 1411

Colpostats 167
Combination
  Radiotherapy and chemotherapy 23
  Therapy 867
Combined
  Radio-chemotherapy 1135, 1207
  Radiotherapy and chemotherapy 1279
  Technique 669
  Therapy 813
  Treatment modality 209
Combined modality(ies) 1183
  Therapy 535, 543, 593, 1473
Compensators 1525
Complications 453, 613, 701, 1481
  Long-term side effects and 547
  Normal tissue 1077
  Radiation 117
  Radiation therapy 401
Computed tomography 485
Computer
  Aided treatment design 1059
  Controlled radiation therapy 1531
  Workstations 1549
Concomitant infusion 817
Concurrent chemoradiotherapy 1473
Conformational radiation therapy 759
Conjunctival lymphoma 249
Conservative surgery 833, 859
Constancy check 483
Continuous radiation therapy 1317
Contralateral breast dose 1515
Control
  Cancer 1267
  Local 1207, 1279, 1377, 1481
  Loco-regional 1121
Convolution 1027
Coordinate systems for treatment planning 1059
Cranial nerve 439
Craniopharyngioma 117
Craniospinal irradiation 429
CSF 85
CSF-1 619
Cs-137 167
CT scanners 1589
CT-staging 1171
Curative
  Resection 605
  Surgery 1357
Cytogenetics 349
Cytokines 619

D

Damage of normal tissue 203
Data for dosimetry 1233
Definitive radiation therapy 843
Desmoid tumor 37
Developing countries 1257, 1263
Development of therapy resources 1275
DFMA 89
Disease
  Benign 259
  Graves' 259
  Hodgkin's 149, 209, 535, 543, 547, 707, 715, 721, 805, 873, 1099, 1155
  Myeloproliferative 985
  Radiation-induced heart 721
  Stage III Hodgkin's 805
Distal failure 817
Distant metastases 367, 1207
Distant metastic spread 1117
DNA 963
  Damage 1411
  Damage and repair 75
Dose 1555, 1561
  Contralateral breast 1515
  Equivalent 1511
  Latency 1569
  Response 1569
  Per fraction 1225
  Peripheral 1515
  Perturbation 461
  Uniformity 1525
  Volume histograms 759, 1041
Dose rate
  Effects 1229, 1397
  High 791, 1511
  Low 791, 1511
Dosimetry 167, 627, 783, 1053, 1539
  Data for 1233
  Protocols 1233
  Small beam 1027
  Thermoluminescent 633
  Uncertainty in 1233
Doxorubicin 963
Drill biopsy 1011
Drug(s)
  Anti-neoplastic 643
  Resistance 75, 643
Dynamic rotation 775

E

ECT 1507
Ectopic bone 1431
Effect(s)
  Dose-rate 1229, 1397
  Late 203, 881, 1225, 1569
  Radiation 935
18-F-2-fluoro-2-deoxy-D-glucose 1005
Elective irradiation 799
Electron
  Arc therapy 159
  Field 249
Emitters
  Alpha particle 1539
  Beta particle 1539
Endometrial
  Cancer 529
  Carcinoma 49, 523
Energy activation 389
Epidemiology 1575
Epithelial membrane antigen 1011
Equivalent dose 1511
Esophageal
  Adenocarcinoma 593
  Cancer 813
Etoposide 1439
Ewing's sarcoma 1165
Excess risk 1155
External
  Beam irradiation 729
  Microwave 669
Extraadrenal myelolipoma 985
Extramedullary hemopoiesis 985
Extremity sarcoma 907
Eye
  Canine 321
  shielding 461

F

Factor(s)
  Growth 619
  Prognostic 265, 1143, 1207
  Radiation prognostic 1351
  Risk 1203
Fat 1067
FdUrd 1411
Fertility 873, 1099
F44E 945
Fibromatosis 37
Fibrosis of lung 1405
Field(s)
  Asymmetric 183
  Electron 249
  Mantle and paraaortic radiation 715
  Matching 189, 1037
  Partial brain 429
  Pelvic wing 153
5-benzylacyclouridine 357
5-flourodeoxycytidine 357
5-fluorodeoxyuridine 1411
5-fluorouracil 693, 817
5FU 817
5-iodo-2-deoxyuridine 85
Fluorescent cytoprinting assay 817
Fluosol 415
  DA 20% 665
FMS 619
Foot 41
Fractionated
  Radiation therapy 367
  Total body irradiation 743
Fractionation 301, 661, 1561, 1569
  Accelerated 1071, 1449
  Time-dose 561
FUdR 1411
Function
  Hepatic 1389
  Pulmonary 743
  Renal 977, 1389
  Sexual 1001

G

Gamma knife 143, 783
Gas exchange 707
Gastric cancer 1357
Gastrointestinal lymphoma 1351
Genetic risk 1297
Glioblastoma multiforme 409
Glioma(s) 1455
  High-grade 275, 415
  Human 633
  Malignant 409, 421
  Rat 85
Glottic cancer 1139
Graves'
  Disease 259
  Ophthalmopathy 259
Growth
  Rate 1191
  Receptor factor 619
Gynecologic cancer 769, 1555
Gynecological neoplasms 619

H

Half-body irradiation 1229
Halogenated
  Deoxycytidine analogues 357
  pyrimidine analog 85
Head and neck 919, 1317
  Cancer 301, 973, 1347, 1363
  Neoplasm 3
  Tumors 995, 1077
Heating pattern 1067
Helium
  Ion radiotherapy 613
  Particle irradiation 243
Hemangiopericytoma(s) 445
Hematologic malignancies 1325
Hemoglobinopathy 985
Hepatic function 1389
Heterotopic bone 577, 809, 1431
High dose
  Irradiation 1021
  Rate 791, 1511
High-grade gliomas 275, 415
Hiperfragmentation 1347
Histograms
  Dose volume 759, 1041
  pO2 953
Histological and immunohistochemical studies 1011
Histology 61
Histopathology 321
Hodgkin's disease 149, 209, 535, 543, 547, 707, 715, 721, 805, 873, 1099
  Stage III 805
hprt locus 1425
Human glioma 633
Human tumor(s) 1397
  Cells 313
  Cell lines 313
  Glial 1397
  Xenograft(s) 197, 953
Hybrid spheroid assay 817
Hydroxyproline 1405
Hyperfractionated
  Radiation therapy 1317
  Radiotherapy 23
Hyperfractionation 661, 899, 1211
Hyperthermia 377, 389, 669, 677, 1067, 1439, 1463, 1481
  Systemic 89
Hyperthyroidism 259
Hypothalamic grafts 293
Hypoxia 197, 643

I

Imaging 1549
  Films 149
  In radiotherapy 1589
  Magnetic resonance 1525
Immobilization 1059
Implantation 281, 1455
  Interstitial 769
  Ultrasonically guided 1049
  Interstitial 1369
In vitro 75
Inflammatory carcinoma 1207
Inguinal node irradiation 153
Insertion depth 377
Integrated logistic formula 143
Interstitial 377
  Antennas 677
  Brachytherapy 1049
  Implantation 769, 1369
  Implants 751
Interstitial radiation 913
  Therapy 1363
Intracavitary
  Irradiation 1511
  Therapy 167
Intracranial
  Ependymoma 1497
  Germinomas 429
Intraductal carcinoma 843
Intraoperative
  Radiation 643
  Radiotherapy 103, 605
Intraperitoneal radioimmunotherapy 1539
Intratumoral injections 1183
Involved field irradiation 535
Ionizing radiation 69, 1581
Iridium 281
Irradiation 235, 439, 859, 977
  Abdominal 867
  Breast 189, 1037
  Craniospinal 429
  Elective 799
  External beam 729
  Fractionated total body 743
  Half-body 1229
  Helium particle 243
  High dose 1021
  Inguinal node 153
  Intracavitary 1511
  Involved field 535
  Pelvic 469
  Paraaortic lymph node 513
  Postoperative 809
  Technique 183
  Total body 889, 1325, 1389
  Whole abdominal 1203
IUdR 1449

K

Kaposi's sarcoma 569

L

Large
  Cell carcinoma 287
  Mediastinal adenopathy 805
Laryngeal neoplasms 485
Late effects 203, 881, 1225, 1569
Late radiation
  Injury 401
  Reactions 1229
Latin America 1267
Lens shield 249
Leukemia 439
  Acute lymphoblastic 1151
Light-dependent-resistor 483
Limb
  Salvage therapy 41
  Sparing therapy 907
Limited small cell lung cancer 23, 1473
Linear accelerator 143
  Radiosurgery with 775
Linear programming 129
Linear quadratic
  Analysis 313
  Model 203
Liver 1041
Local control 1207, 1279, 1377, 1481
  Vs. survival 817
Local-regional recurrence 851, 1093
Localization of tumor 633
Locally advanced 1347
  Breast cancer 1207
Long-term
  Side effects and complications 547
  Survival 1135
Low-dose-rate 341, 791, 1511
Lung 329
  Fibrosis 1405
  Non-small cell carcinoma 287
Lung cancer 9, 15, 97, 103, 223, 1005
  Limited small cell 23, 1473
  Non-small cell 967
  Small cell 1135, 1279, 1321
Lymph nodes 859
Lymphokines 619
Lymphoma(s) 439
  Conjunctival 249
  Gastrointestinal 1351
  Malignant 1229
  Non-Hodgkin's 1279

M

Magnetic resonance imaging 1525
Mailed evaluation 1053
Malignant
  Epithelial tumors of the parotid gland 55
  Glioma(s) 409, 421
  Lymphoma 1229
  Melanoma 349
Management
  Cancer 1263
  Radiotherapeutic 919
Mantle 149
  Paraaortic field radiation 715
Masses of myeloadipose tissue 985
Mast cells 1405
Mediastinal involvement 543
Medulloblastoma 265
Megavoltage beams 461
Melanoma(s) 893, 1191
  Ciliary body 243
  Malignant 349
  Uveal 613
Meningioma(s) 1021
Merkel cell 583
Mesenchymal stem cell 1431
Metastasis(es)
  Brain 111
  Cervical 919
  Distant 367, 1207
Metoclopramide 1419
Microwave 677, 1067
  Antennas 377
  External 669
  Interstitial 669
Model
  Linear quadratic 203
  Rodent tumor 367
Modeling 1539
Modification of radiotherapy 547
Monoclonal antibody 627
Monte Carlo 167, 1027

Morbidity 569
Morphology 389
Mouse kidney epithelial cells 963
MRI 179
Mucosa reactions 301
Multi-target analysis 313
Multimodal therapy 1097
Multivariate analysis 275
Mutagenesis 643, 1425
Myelolipoma
  Adrenals 985
  Extraadrenals 985
Myeloproliferative disorders 985

N

Nasal vestibule 1363
Nasopharyngeal carcinoma 881, 929
Nasopharynx 1171, 1531
National cancer control programs 1275
Neck node 929
Neoadjuvant chemotherapy 973
Neoplasm(s) 1171
  CNS 179
  Gynecological 619
  Head and neck 3
  Laryngeal 485
  Prostatic 733
  Soft tissue 37
Neuroendocrine tumor 583
Neurovascular structures 913
Neutron radiotherapy 409
N-(phosphonacetyl)-L-aspartic acid 357
Node(s)
  Lymph 859
  Neck 929
  Paraaortic 799
Non-Hodgkin's lymphoma 1279
Non-curative resection 605
Non-small cell lung 15, 1211
  Cancer 967
  Carcinoma 287
Normal tissue(s) 1569
  Complications 1077
  Damage 203
  Reactions 301
  Tolerance 341, 1041
Nose 1363
Nuclear protein 963
Number of treatments 1481

O

Operable stage 15
Optic neuropathy 117
Optimization 129, 159
  Treatment 1077
Orderly spread 929
Ovarian cancer 435, 1203
Oxygen 415, 665
  Carrier 945
  Partial pressure distribution 953
  Tension 953

P

Palliation 111
Pancoast 31
Pancreatic cancer 605, 627, 1049
Paraaortic
  Lymph node irradiation 513
  Nodes 799
Paracrine 619
Paris system 769
Partial brain fields 429
Particle emitters
  Alpha 1539
  Beta 1539
Pathologically staged IA, IIA, IIIA 547
Pattern(s)
  Failure 1357
  Heating 1067
Pediatric(s) 873, 1099, 1497
  Oncology 995, 1097
Pelvic
  Irradiation 469
  Wing field 153
Pentoxifylline 401
Perfluorocarbons 97
Perfluorochemical emulsion 945
Perianal
  Cancer 1309
  Templates 751
Peripheral dose 1515
Pharmacologically active substances 1581
Pharmacology 329
Pleomorphic adenoma 55
Polyamines 89
Polyester 1525
Porous prosthesis 577
Positron emission tomography 1005
Postoperative
  Irradiation 809
  Radiotherapy 1159
pO2
  Electrode 953
  Histograms 953
Pre and posttreatment potency 729
Prediction for local control 1011
Predictive assay(s) 313, 1183, 1449
Preoperative 61
  Radiotherapy 1159
Prevention bowel injury 469
Primary human tumors 953
Prognosis 701
Prognostic factors 265, 1207
  Radiation 1351
Prognostic parameters 1481
Programming
  Linear 129
  Quadratic 129
Progression rate 1569
Prostate
  Cancer 729, 1001, 1377, 1503
  Carcinoma 561, 1383
  Treatment planning 759
Prostatic
  Acid phosphatase 1383
  Neoplasms 733
Prosthesis 1521
  Porous 577
PSA 1503
Pulmonary function 743
  Studies 707
Pulmonary toxicity 743

Q

Quadratic programming 129
Quality
  Assurance in radiotherapy 1233
  Control 1053

R

Radiation 75, 143, 293, 329, 661, 833, 1183, 1309, 1411
  Carcinogenesis 651
  Chemotherapy 1309
  Complications 117
  Effects 935
  Enteritis 1521
  Injury 321
  Interstitial 913
  Intraoperative 651
  Ionizing 69
  Late injury 401
  Late reactions 1229
  Mantle and paraaortic field 715
  Myelitic 203
  Myelitis 203
  Myelopathy 935
  O2 97
  Prognostic factors 1351
  Response to photons and neutrons 941
  Stereotaxic 1021
  Treatment planning 1041
  Whole-body 665
Radiation therapy 9, 31, 37, 49, 117, 129, 149, 223, 275, 401, 409, 415, 429, 445, 485, 529, 569, 577, 583, 593, 701, 707, 783, 851, 881, 899, 907, 1049, 1093, 1165, 1363, 1377, 1431, 1455, 1525, 1555
  Accelerated 1317
  Classical 1131
  Complications 401
  Computer-controlled 1531
  Conformational 759
  Continuous 1317
  Definitive 843
  Fractionated 367
  Hyperfractionated 1317
  Hypofractionated 1131
  Interstitial 1363
  Technique 149
  Whole-abdomen 435
Radiation-induced 1303, 1405
  Heart disease 721
Radiation/chemotherapy strategies 1321
Radical
  Prostatectomy 1503
  Radiotherapy 547
Radiochemotherapy 1347
  Combined 1135
Radioimmunotherapy 627, 633
  Intraperitoneal 1539
Radiosensitivity 349, 1191, 1199, 1397
Radiosensitization 421, 1419
Radiosensitizer 945
Radiosurgery 143, 769, 783, 1021
  Stereotactic 775, 1027
  With linear accelerator 775
Radiotherapeutic management 919
Radiotherapy 37, 111, 123, 197, 209, 259, 341, 371, 453, 561, 605, 643, 687, 733, 805, 873, 967, 985, 1099, 1125, 1139, 1143, 1211, 1263, 1267, 1297, 1303, 1347, 1369, 1383, 1449, 1497, 1503, 1507, 1569

Accuracy in 1233
Adjuvant postoperative 55
Adverse effects 3
Alone 15
Charged particle 613
Chemotherapy 23
Helium ion 613
Hyperfractionated 23
Imaging 1589
Intraoperative 103, 605
Modification of 547
Neutron 409
Photon 409
Postmastectomy 1121
Postoperative 1159
Preoperative 1159
Quality assurance in 1233
Radical 547
Services 1257
South East Asia 1267
Thailand 1271
Twice-daily 1473
Randomized trials 209
Rat 329, 661
Glioma 85
Ra-226 167
RBE 1561
Reactions
Late radiation 1229
Mucosa 301
Skin 301
Rectal cancer 1159
Recurrence 701, 1455
Breast 833
Local 1125
Local-regional 851, 1093
Recurrent breast cancer 1087
Regeneration 61
Relapse 439
Relative biological effectiveness 941
Renal function 977, 1389
Repopulation 1071
Reproducibility 149
Resection
Curative 605
Non-curative 605
Results 613
Retinoblastoma 461
Risk factors 1203
Rodent tumor(s) 953
Models 367
Role of IAEA/WHO 1249

S

Salvage surgery 1087
SAR 377
Sarcoma(s) 651, 995
Ewing's 1165
Extremity 907
Kaposi's 569
Soft tissue 41, 899, 907, 913, 941
Scintigraphy 977
Sclerosis 1225
Second cancer(s) 1297, 1303
Sensitizer 85
Sexual function 1001
Single set-up point 183
Skin 583
Cancer 235
Reactions 301
Telangiectasia 1569
Small
Beam photon dosimetry 1027
Bowel tolerance 469
Cell lung cancer 1135, 1279, 1321
SMN 547
Soft tissue
Neoplasm 37
Sarcoma(s) 41, 899, 907, 913, 941
Tumors 445
Solid tumor 197
Spheroid(s) 1191
Regenerating units 1191
Spinal cord 935
Compression 985
Radiation effects 3
Squamous cell carcinoma 1363, 1419
Uterine cervix 799
Sri Lanka 1275
Stage
I 9
III 1 A 715
III Hodgkin's disease 805
Stereotactic 143, 783, 1455
Radiosurgery 775, 1027
Stereotaxic radiation 1021
Study(ies)
Histological and immunohistochemical 1011
Pulmonary function 707
Superficial lesions 1481
Superior sulcus tumors 31
Surgery 31, 593, 899, 1159, 1165, 1351, 1503
Conservative 833, 859, 1125
Curative 1357
Salvage 1087
Survival 111, 275, 1207, 1279
Cell 389
Long-term 1135
Synergy 69
System
Central nervous 293, 439
Paris 769
Systemic hyperthermia 89

T

Tamoxifen 1121
TDF 1561
Teaching and training 1271
Technique(s)
Combined 669
Irradiation 183
Three-field 189
Treatment 1531
Tetrahydrouridine 357
Therapeutic effects of cancer 1005
Therapeutic radiology
Intracavitary 477
Uterine neoplasms 477
Therapy
Accelerated radiation 1317
Adjuvant 529, 593
Chemo-radiation 817
Combination 867
Combined 813
Combined modality 535, 543, 593, 1473
Continuous radiation 1317
Electron arc 159
Hyperfractionated 1317
Intracavitary 167
Limb salvage 41
Limb sparing 907
Multimodal 1097
Radiation 9, 31, 37, 49, 117, 129, 149, 223, 275, 401, 409, 415, 429, 445, 485, 529, 569, 577, 583, 593, 701, 707, 783, 851, 881, 899, 907, 1049, 1093, 1165, 1363, 1377, 1431, 1455, 1525, 1555
Trimodality 1439
Thermoluminescent dosimetry 633
Thermotolerance 1481
Thickness 1067
Three-dimensional computerized beam's eye view treatment planning 759
Three-field technique 189
Thymidylate synthase 1411
Time 1561
Dose fractionation 561
Temperature relationship 389
Tissue-equivalent material bolus 677
Tomography
Computed 485
Positron emission 1005
Tongue carcinoma 1369
Total body irradiation 889, 1325, 1389
Fractionated 743
Total hip
Arthroplasty 577
Replacement 1431
Transmission block 153
Transplantation 293
Bone marrow 293, 743, 889, 1151, 1389
Allogeneic bone marrow 1325
Treatment(s)
Adjuvant 1203
Alternate 1225
Childhood 265
Computer-aided design 1059
Machine 483
Number of 1481
Optimization 1077
Techniques 1531
Verification 1549
Treatment planning 129, 179, 1059
Coordinate systems for 1059
Prostate 759
Radiation 1041
Three-dimensional computerized beam's eye view 759
Trimodality therapy 1439
Tumor(s)
Brain 1463
Control 341
Desmoid 37
Head and neck 995, 1077
Human cell lines 69
Human cells 313
Human glial 1397
Human xenograft 197
Localization 633
Malignant epithelial of the parotid gland 55
Markers 619, 733
Necrosis factor 69
Neuroendocrine 583
Oxygenation 197
Primary human 953
Rodent 953
Size of primary 1117
Soft tissue 445
Solid 197
Superior sulcus 31
Wilms' 867, 1097
Tumor control 1077
Uncomplicated 1077
Twice-daily radiotherapy 1473

U

Ultrasonically guided implantation 1049
Ultrasonography 1049
Uncertainty in dosimetry 1233
Uncomplicated tumor control 1077
Unknown primary 919
Uterine cervix 1511
  Squamous cell carcinoma 799
Uterus
  Perforation 477
  Ultrasonography 477
Uveal melanoma 613

V

Vaginal cuff boost 49
Vascular permeability 329
Ventilation-perfusion scans 707
Vincristine 1389
Virtual simulation 1059
Vision outcome 613
Vocal cord cancer 123
Voice analysis 123
V79 cells 1199

W

Whole
  Abdominal irradiation 1203
  Abdomen radiation therapy 435
  Body radiation 665
Wilms' tumor 867, 1097
World populations 1257

X

Xenograft(s) 941, 1419
  Human tumor 197, 953
X-irradiation 1425

Y

Young adults 881
Yttrium-90 627

Z

Zimbabwe 1275